# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 0 | ("("20020008863"\|"20020012109"\|"20 050199598"\|"20060165406"\|"4907021 "\|"5229872"\|"5296891"\|"5425045"\|"55 23193"\|"5602683"\|"5969441"\|"604679 2"\|"6252648"\|"6288769"\|"6341006"\|"6 633364"\|"6714277"\|"6825914"\|"68422 21").PN.").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/09 13:38 |
| L2 | 19 | ("20020008863"\|"20020012109"\|"200 50199598"\|"20060165406"\|"4907021" \|"5229872"\|"5296891"\|"5425045"\|"55 23193"\|"5602683"\|"5969441"\|"604679 2"\|"6252648"\|"6288769"\|"6341006"\|"6 633364"\|"6714277"\|"6825914"\|"68422 21").PN. | US-PGPUB; USPAT | OR | ON | 2006/12/09 13:45 |
| L3 | 8093 | ((355/30) or (355/53) or (355/55) or (355/67) or (355/77)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/09 13:45 |
| L4 | 20775 | "355"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/12/09 13:45 |
| L5 | 34839 | linear adj motor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:46 |
| L6 | 24706 | piezo-electric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:46 |
| L7 | 313 | 5 and 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:46 |
| L8 | 1406 | ((linear adj motor) or solenoid) same ((gas or air) adj bearing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:46 |

| L9 | 52 | ((linear adj motor) or solenoid) same ((gas or air) adj bearing) same lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:46 |
|-----|--------|---------------------------------------------------------------------------|----------------------------------------------------------|----|----|-------------------|
| L10 | 12 | ((linear adj motor) or solenoid) same ((gas or air) adj bearing) with lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |
| L11 | 852 | (linear adj motor) with lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |
| L12 | 64 | 11 and gas | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |
| L13 | 106225 | (lens with move$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |
| L14 | 799747 | (air or gas) with chamber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |
| L15 | 2424 | 13 and 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:47 |

| L16 | 378 | ((air or gas) adj bearing) with lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:48 |
|---|---|---|---|---|---|---|
| L17 | 1226 | lens with (linear adj (motor or actuator)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:48 |
| L18 | 24 | 17 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:48 |
| L19 | 825 | ((air or gas) adj bearing) same lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:48 |
| L20 | 98 | 19 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:48 |
| L21 | 243 | magnetostrictor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:49 |
| L22 | 0 | magnetostrictor with (linear adj motor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:49 |

| L23 | 852 | lens with (linear adj motor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:49 |
|-----|-----|------------------------------|---------|----|----|----|
| L24 | 24 | 23 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:49 |
| L25 | 1570 | linear adj electric adj motor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:50 |
| L26 | 30237 | (air or gas) adj bearing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:50 |
| L27 | 70 | 25 and 26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:50 |
| L28 | 5 | 27 and 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:50 |
| L29 | 220 | contactless$3 with lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:51 |

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|---|---|---|---|---|---|---|
| L30 | 7 | 29 and 4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L31 | 0 | 29 and 25 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L32 | 1169 | 4 and 5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L33 | 24 | 4 and 11 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L34 | 425 | 4 and 8 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L35 | 3 | 4 and 21 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |
| L36 | 853 | 4 and 26 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:51 |

| L37 | 32 | 4 and 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:52 |
|-----|----|----------|------|----|----|------------------|
| L38 | 24 | 4 and 23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/09 13:52 |

Interference

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L39 | 0 | (chamber and moveable and lens and linear and electric and motor and gas and bearing and contactlessly).clm. | US-PGPUB | OR | ON | 2006/12/09 13:53 |
| L40 | 0 | (chamber and moveable and lens and linear and electric and motor and gas and bearing).clm. | US-PGPUB | OR | ON | 2006/12/09 13:53 |
| L41 | 1 | (chamber and moveable and lens and linear and motor and gas and bearing).clm. | US-PGPUB | OR | ON | 2006/12/09 13:53 |
| L42 | 2 | (chamber and lens and linear and motor and gas and bearing).clm. | US-PGPUB | OR | ON | 2006/12/09 13:53 |